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In the claims:

1. (Currently Amended) An in-dash thermally controlled storage space system for a vehicle comprising:
 - a housing configured to reside within a dashboard of the vehicle;
 - at least one heat exchanger coupled to said housing;
 - at least one thermoelectric device coupled to said at least one heat exchanger and in thermal communication with said housing, said at least one heat exchanger thermally conducting energy between said housing and a non-storage space;
 - a temperature sensor generating a temperature signal indicative of temperature within said housing; and
 - a controller coupled to said thermoelectric device and adjusting temperature within said housing in response to said temperature signal.
2. (Original) A system as in claim 1 wherein said housing is configured to couple at least a portion of at least one vehicle air control system selected from a heating system, a ventilation system, and an air-conditioning system.
3. (Original) A system as in claim 2 wherein said at least one thermoelectric device is coupled to said at least one vehicle air control system such that thermal energy is transferred therebetween.
4. (Original) A system as in claim 2 further comprising a thermally conductive fluid transfer device coupled to said at least one thermoelectric device such that thermal energy is transferred therebetween.
5. (Original) A system as in claim 4 further comprising at least one fluid circulating device coupled to said controller, said controller adjusts temperature within said housing by circulating a fluid within said at least one vehicle air control system to transfer thermal energy between said housing and said at least one vehicle air control system.
6. (Original) A system as in claim 5 wherein said fluid is selected from at least one of air and liquid.

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7. (Original) A system as in claim 5 wherein said at least one fluid circulating device is a device selected from at least one of a fan, a blower, a pump, a fan of said at least one vehicle air control system, a blower of said at least one vehicle air control system, and a pump of said at least one vehicle air control system.
8. (Original) A system as in claim 4 wherein said thermally conductive fluid transfer device is in the form of a radiator.
9. (Original) A system as in claim 4 wherein said controller adjusts temperature within said housing by circulating a fluid across said thermally conductive fluid transfer device.
10. (Original) A system as in claim 4 wherein said thermally conductive fluid transfer device is at least partially contained within said at least one vehicle air control system.
11. (Original) A system as in claim 1 wherein said at least one heat exchanger is contoured to support at least one object within said housing.
12. (Original) A system as in claim 1 further comprising at least one control switch coupled to said controller and controlling operation of the in-dash thermally controlled storage space system.
13. (Original) A system as in claim 1 further comprising a temperature control switch coupled to said controller and setting temperature within said housing.
14. (Original) A system as in claim 1 further comprising:
 - a transmitter generating a control signal; and
 - a receiver coupled to said controller;said controller operating the in-dash thermally controlled storage space system in response to said control signal.
15. (Original) A system as in claim 14 wherein said controller in operating the in-dash thermally controlled storage space system performs a task selected from at least one of activation, deactivation, and temperature adjustment.

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16. (Original) A system as in claim 1 further comprising a docking support structure coupled within said dashboard, said housing configured to be removable from said docking support structure.
17. (Original) A system as in claim 1 further comprising:
a sensor coupled to said docking support structure; and
an indicator coupled to said sensor and indicating when said housing is in said docking support structure.
18. (Original) A system as in claim 1 wherein said housing comprises a vent.
19. (Currently Amended) A thermally controlled storage space system for a vehicle comprising:
a housing ~~configured to couple~~ coupled to and in thermal communication with at least a portion of at least one vehicle air control system;
at least one heat exchanger coupled to said housing;
at least one thermoelectric device coupled to said at least one heat exchanger;
a temperature sensor generating a temperature signal indicative of temperature within said housing; and
a controller coupled to said thermoelectric device and adjusting temperature within said housing in response to said temperature signal.
20. (Original) An in-dash thermally controlled storage space system for a vehicle comprising:
a housing configured to reside within a dashboard of the vehicle and couple at least a portion of at least one vehicle air control system selected from a heating system, a ventilation system, and an air-conditioning system;
a temperature sensor generating a temperature signal indicative of temperature within said housing;
at least one heat exchanger coupled to said housing;
at least one thermoelectric device coupled to said at least one heat exchanger;

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a thermally conductive fluid transfer device coupled to said at least one thermoelectric device and residing at least partially within said at least one vehicle air control system;

at least one fluid circulating device directing a fluid to said thermally conductive fluid transfer device; and

a controller coupled to said thermoelectric device and said at least one fluid circulating device, said controller adjusting temperature within said housing in response to said temperature signal.